# SCORE Search Results Details for Application 10687035 and Search Result 20080310\_154540\_us-10-687-035-1\_copy\_14\_452. rai.

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This page gives you Search Results detail for the Application 10687035 and Search Result 20080310 154540 us-10-687-035-1 copy 14 452 rai.

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GenCore version 6.2.1

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OM protein - protein search, using sw model

Run on:

March 11, 2008, 01:36:02 ; Search time 84 Seconds

(without alignments)

821.818 Million cell updates/sec

Title:

Sequence:

Perfect score: 2321

US-10-687-035-1\_COPY\_14\_452 2321

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Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1048630 segs, 157249835 residues

Total number of hits satisfying chosen parameters: 1048630

Minimum DB seg length: 0

Maximum DB seg length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA:\*

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2: /ABSS/Data/CRF/ptodata/2/iaa/6 COMB.pep:\*

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7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARTES

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1	2321	100.0	772	2	US-09-404-879A-388	Sequence 388, App
2	2321	100.0	772	2	US-09-667-857-388	Sequence 388, App
3	2321	100.0	772	2	US-10-198-053-388	Sequence 388, App
4	2321	100.0	772	2	US-09-827-271-388	Sequence 388, App
5	2321	100.0	772	3	US-09-636-801-388	Sequence 388, App
6	2321	100.0	833	2	US-09-404-879A-389	Sequence 389, App
7	2321	100.0	833	2	US-09-667-857-389	Sequence 389, App
8	2321	100.0	833	2	US-10-198-053-389	Sequence 389, App
9	2321	100.0	833	2	US-09-827-271-389	Sequence 389, App
10	2321	100.0	833	3	US-09-636-801-389	Sequence 389, App
11	2321	100.0	914	2	US-09-404-879A-312	Sequence 312, App
12	2321	100.0	914	2	US-09-338-933-312	Sequence 312, App
13	2321	100.0	914	2	US-09-667-857-312	Sequence 312, App
14	2321	100.0	914	2	US-10-198-053-312	Sequence 312, App
15	2321	100.0	914	2	US-10-198-053-478	Sequence 478, App
16	2321	100.0	914	2	US-09-827-271-312	Sequence 312, App
17	2321	100.0	914	3	US-09-636-801-312	Sequence 312, App
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21	2301	99.1	1148	2	US-10-198-053-479	Sequence 479, App
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23	2301	99.1	1148	3	US-10-257-021-56	Sequence 56, Appl
24	2301	99.1	1148	3	US-09-965-738B-48	Sequence 48, Appl
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35	1348.5	58.1	780	3	US-09-965-738B-159	Sequence 159, App
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US-09-404-879A-388

; Patent No. 6468546 ; GENERAL INFORMATION:

; Sequence 388, Application US/09404879A

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43	1181.5	50.9	443	3	US-09-965-738B-42	Sequence 42, Appl
44	1159	49.9	439	3	US-09-965-738B-39	Sequence 39, Appl
45	1112	47.9	420	3	US-09-965-738B-38	Sequence 38, Appl

## ALIGNMENTS

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APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
 APPLICANT: Algate, Paul A.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
  TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C2
 CURRENT APPLICATION NUMBER: US/09/404,879A
 CURRENT FILING DATE: 1999-09-24
 NUMBER OF SEO ID NOS: 393
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; SEQ ID NO 388
  LENGTH: 772
  TYPE: PRT
  ORGANISM: Homo sapiens
US-09-404-879A-388
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US-09-667-857-388
; Sequence 388, Application US/09667857
: Patent No. 6699664
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
 APPLICANT: Algate, Paul A.
  APPLICANT: Fling, Steven P.
  APPLICANT: Retter, Marc W.
;
  APPLICANT: Fanger, Gary Richard
  APPLICANT: Reed, Steven G.
  APPLICANT: Vedvick, Thomas S.
  APPLICANT: Carter, Darrick
  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
  TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C5
;
  CURRENT APPLICATION NUMBER: US/09/667,857
  CURRENT FILING DATE: 2000-09-20
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; SEO ID NO 388
; LENGTH: 772
   TYPE: PRT
   ORGANISM: Homo sapiens
IIS-09-667-857-388
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; Sequence 388, Application US/10198053
; Patent No. 6858710
; GENERAL INFORMATION:
 APPLICANT: Bangur, Chaitanya S.
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER

APPLICANT: Retter, Marc W.

APPLICANT: Fanger, Gary R.

FILE REFERENCE: 210121.462C9

CURRENT APPLICATION NUMBER: US/10/198,053
CURRENT FILING DATE: 2002-07-17

APPLICANT: Hill, Paul

;

;

;

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US-10-198-053-388
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: GENERAL INFORMATION:
 APPLICANT: Retter, Marc W.
 APPLICANT: Fanger, Garv R.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C6
 CURRENT APPLICATION NUMBER: US/09/827,271
 CURRENT FILING DATE: 2001-04-04
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US-09-827-271-388
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; Patent No. 7202334
: GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
 APPLICANT: King, Gordon E.
 APPLICANT: Algate, Paul A.
 APPLICANT: Fling, Steven P.
 APPLICANT: Retter, Marc W.
;
 APPLICANT: Fanger, Garv Richard
 APPLICANT: Reed, Steven G.
 APPLICANT: Vedvick, Thomas S.
 APPLICANT: Carter, Darrick
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
;
 TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C4
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 CURRENT APPLICATION NUMBER: US/09/636,801
 CURRENT FILING DATE: 2000-08-10
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US-09-404-879A-389
; Sequence 389, Application US/09404879A
: Patent No. 6468546
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
 APPLICANT: King, Gordon E.
 APPLICANT: Algate, Paul A.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C2
 CURRENT APPLICATION NUMBER: US/09/404,879A
 CURRENT FILING DATE: 1999-09-24
 NUMBER OF SEC ID NOS: 393
 SOFTWARE: FastSEO for Windows Version 3.0
; SEQ ID NO 389
  LENGTH: 833
  TYPE: PRT
;
  ORGANISM: Homo sapiens
US-09-404-879A-389
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IIS-09-667-857-389

; Sequence 389, Application US/09667857

- ; Patent No. 6699664
- : GENERAL INFORMATION:
- APPLICANT: Mitcham, Jennifer L.
- APPLICANT: King, Gordon E. ;
- APPLICANT: Algate, Paul A.
- APPLICANT: Fling, Steven P.
- APPLICANT: Retter, Marc W.
- APPLICANT: Fanger, Gary Richard
- APPLICANT: Reed, Steven G.
- APPLICANT: Vedvick, Thomas S.
- APPLICANT: Carter, Darrick ;
- TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
- TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
- FILE REFERENCE: 210121.462C5
- CURRENT APPLICATION NUMBER: US/09/667,857
- CURRENT FILING DATE: 2000-09-20 ;
- NUMBER OF SEO ID NOS: 455
- SOFTWARE: FastSEQ for Windows Version 3.0

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US-09-667-857-389
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          Dh
       498 GVTOLGFYVLDRDSLFING 516
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US-10-198-053-389

: SEO ID NO 389

<sup>;</sup> Sequence 389, Application US/10198053

<sup>;</sup> Patent No. 6858710

<sup>;</sup> GENERAL INFORMATION:

<sup>;</sup> APPLICANT: Bangur, Chaitanya S.

```
APPLICANT: Retter, Marc W.
  APPLICANT: Fanger, Gary R.
;
  APPLICANT: Hill, Paul
  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
;
  TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C9
 CURRENT APPLICATION NUMBER: US/10/198,053
 CURRENT FILING DATE: 2002-07-17
 NUMBER OF SEO ID NOS: 624
;
 SOFTWARE: FastSEO for Windows Version 4.0
; SEQ ID NO 389
  LENGTH: 833
  TYPE: PRT
;
   ORGANISM: Homo sapiens
US-10-198-053-389
 Query Match
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 Best Local Similarity 100.0%; Pred. No. 1.9e-222;
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       421 GVTQLGFYVLDRDSLFING 439
Qv
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Db 498 GVTOLGFYVLDRDSLFING 516 RESULT 9 US-09-827-271-389 ; Sequence 389, Application US/09827271 ; Patent No. 6962980 : GENERAL INFORMATION: APPLICANT: Retter, Marc W. APPLICANT: Fanger, Gary R. TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER FILE REFERENCE: 210121.462C6 ; CURRENT APPLICATION NUMBER: US/09/827,271 CURRENT FILING DATE: 2001-04-04 NUMBER OF SEQ ID NOS: 461 SOFTWARE: FastSEO for Windows Version 3.0 : SEO ID NO 389 LENGTH: 833 TYPE: PRT ORGANISM: Homo sapiens US-09-827-271-389 Ouerv Match 100.0%; Score 2321; DB 2; Length 833; Best Local Similarity 100.0%; Pred. No. 1.9e-222; Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0: Qv 1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60 Db 78 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 137 61 SRKFNTTERVLOGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 120 Qv 138 SRKFNTTERVLOGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 197 Db Οv 121 GLDREOLYLELSOLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 180 198 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 257 Db 181 INNLRYMADMGOPGSLKFNITDNVMKHLLSPLFORSSLGARYTGCRVIALRSVKNGAETR 240 Qу 258 INNLRYMADMGOPGSLKFNITDNVMKHLLSPLFORSSLGARYTGCRVIALRSVKNGAETR 317 Db

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Qv

Db

Qv.

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            498 GVTOLGFYVLDRDSLFING 516
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RESULT 10
US-09-636-801-389
; Sequence 389, Application US/09636801
; Patent No. 7202334
; GENERAL INFORMATION:
: APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
 APPLICANT: Fling, Steven P.
 APPLICANT: Retter, Marc W.
 APPLICANT: Fanger, Gary Richard
  APPLICANT: Reed, Steven G.
  APPLICANT: Vedvick, Thomas S.
;
 APPLICANT: Carter, Darrick
;
  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
  TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C4
;
 CURRENT APPLICATION NUMBER: US/09/636,801
 CURRENT FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 455
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: SEO ID NO 389
  LENGTH: 833
  TYPE: PRT
   ORGANISM: Homo sapiens
US-09-636-801-389
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RESULT 11
US-09-404-879A-312
; Sequence 312, Application US/09404879A
; Patent No. 6468546
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
 APPLICANT: King, Gordon E.
 APPLICANT: Algate, Paul A.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C2
 CURRENT APPLICATION NUMBER: US/09/404,879A
 CURRENT FILING DATE: 1999-09-24
 NUMBER OF SEO ID NOS: 393
 SOFTWARE: FastSEO for Windows Version 3.0
; SEO ID NO 312
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  TYPE: PRT
  ORGANISM: Homo sapien
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US-09-404-879A-312

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US-09-338-933-312

; Sequence 312, Application US/09338933

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- : Patent No. 6488931
- ; GENERAL INFORMATION:
- ; APPLICANT: Mitcham, Jennifer Lynn
- ; APPLICANT: King, Gordon E.
- TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY OF
- TITLE OF INVENTION: OVARIAN CANCER
- FILE REFERENCE: 210121.462C1
- CURRENT APPLICATION NUMBER: US/09/338,933
- CURRENT FILING DATE: 1999-06-23
- NUMBER OF SEQ ID NOS: 312

SOFTWARE: FastSEQ for Windows Version 3.0

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## RESULT 13

US-09-667-857-312

<sup>;</sup> Sequence 312, Application US/09667857

<sup>,</sup> sequence siz, application 03/030076

<sup>;</sup> Patent No. 6699664 : GENERAL INFORMATION:

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APPLICANT: Mitcham, Jennifer L.
;
  APPLICANT: King, Gordon E.
  APPLICANT: Algate, Paul A.
  APPLICANT: Fling, Steven P.
;
  APPLICANT: Retter, Marc W.
  APPLICANT: Fanger, Gary Richard
  APPLICANT: Reed, Steven G.
  APPLICANT: Vedvick, Thomas S.
  APPLICANT: Carter, Darrick
;
  TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
  TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C5
 CURRENT APPLICATION NUMBER: US/09/667,857
 CURRENT FILING DATE: 2000-09-20
;
 NUMBER OF SEO ID NOS: 455
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; SEQ ID NO 312
  LENGTH: 914
  TYPE: PRT
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  ORGANISM: Homo sapien
US-09-667-857-312
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        579 GVTOLGFYVLDRDSLFING 597
RESULT 14
US-10-198-053-312
; Sequence 312, Application US/10198053
; Patent No. 6858710
; GENERAL INFORMATION:
 APPLICANT: Bangur, Chaitanya S.
 APPLICANT: Retter, Marc W.
 APPLICANT: Fanger, Gary R.
  APPLICANT: Hill, Paul
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
  TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C9
  CURRENT APPLICATION NUMBER: US/10/198,053
 CURRENT FILING DATE: 2002-07-17
 NUMBER OF SEO ID NOS: 624
 SOFTWARE: FastSEO for Windows Version 4.0
; SEQ ID NO 312
;
 LENGTH: 914
  TYPE: PRT
  ORGANISM: Homo sapiens
US-10-198-053-312
 Query Match
                     100.0%; Score 2321; DB 2; Length 914;
 Best Local Similarity 100.0%; Pred. No. 2.3e-222;
 Matches 439; Conservative 0; Mismatches 0; Indels
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       579 GVTOLGFYVLDRDSLFING 597
RESULT 15
US-10-198-053-478
; Sequence 478, Application US/10198053
; Patent No. 6858710
; GENERAL INFORMATION:
; APPLICANT: Bangur, Chaitanva S.
 APPLICANT: Retter, Marc W.
 APPLICANT: Fanger, Gary R.
 APPLICANT: Hill, Paul
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
 FILE REFERENCE: 210121.462C9
 CURRENT APPLICATION NUMBER: US/10/198,053
 CURRENT FILING DATE: 2002-07-17
 NUMBER OF SEO ID NOS: 624
 SOFTWARE: FastSEO for Windows Version 4.0
; SEO ID NO 478
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US-10-198-053-478
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Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP 27	18
Qу	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 18	0 (
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 33	8
QУ	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR 24	10
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR 39	8
QУ	241	VDLLCTYLQPLSGPGLPIKQVFHELSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT 3C	0 (
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT 45	8
QУ	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 36	0
Db	459	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 51	.8
Qу	361	PLFQKSSMGPFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 42	20
Db	519	PLFQKSSMGPFYLGCQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 57	18
Qу	421	GVTQLGFYVLDRDSLFING 439	
Db	579	GVTQLGFYVLDRDSLFING 597	

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